

UCSD-UB-UNR NEES WORKSHOP
A USERS PERSPECTIVE ON SEISMIC TESTING
**(Shake Table, Nonstructural Component Simulator, Geotechnical Laminar Box
& Innovative Testing Capabilities)**

THURSDAY AND FRIDAY - SEPTEMBER 16 & 17, 2010

Thursday - September 16, 2010 Holiday Inn

- 8:00 - 8:30 am Registration and welcome
- 8:30 - 10:00 am **Overview:** UCSD, UB and UNR major equipment, access, and site support
[Luco (UCSD), Albrechcinski (UB), Elfass (UNR)]
- 10:00 - 10:30 am Visit to UCSD Englekirk Structural Engineering Center
- 10:30 - 12:00 pm **Shake Table Testing and Control Systems:** equipment, test protocols, test execution
[Conte/Luco/Restrepo/Shing (UCSD), Pitman (UB), Laplace (UNR)]
- 12:00 - 1:00 pm Lunch
- 1:00 - 1:45 pm **Instrumentation and Data Acquisition:** calibration, reduction, analysis and error, special sensors, GPS, Krypton [Radulescu/Schoettler (UCSD), Weinreber (UB), Laplace (UNR)]
- 1:45 - 3:00 pm **Modeling, Similitude and Simulation:** Analytical models, Complex Structural Systems
[Conte/Shing (UCSD)]
- 3:00 - 3:30 pm Break (in laboratory)
- 3:30 - 5:30 pm **Hands-on lab activity** [Radulescu (UCSD)]
- 6:00 pm Dinner

Friday - September 17, 2010 Holiday Inn

- 8:30 - 10:40 am Specialized Testing and Versatile Reconfigurations: Nonstructural Component Simulator, Geotechnical Laminar Box [Mosqueda, Sabanayagam (UB)]; Innovative Research Capabilities [Elfass (UNR)]
- 10:40 - 11:00 am Break
- 11:00 - 12:00 pm **Project Management:** Site safety, work plans, scheduling, financial and project agreements [Radulescu (UCSD), Albrechcinski (UB), Elfass (UNR)]
- 12:00 - 1:30 pm Lunch
- 1:30 - 2:15 pm **Example of Total Project Planning "Bridge Column":** planning process, documents, site support, responsibilities, safety training [Restrepo (UCSD)]
- 2:15 - 3:00 pm **Data Management and Archiving** [Radulescu (UCSD), Josipovic (UB), Porter (UNR)]
- 3:00 - 3:30 pm Break
- 3:30 - 4:30 pm **Questions & Answers, and Closure**

